ABSTRACT

Disclosed is a system and method for fast rotation of an original image having a skew angle. The image rotation system includes a PMP generation unit for generating PMPs with respect to bit patterns of a block, and a buffer for storing the PMPs. The system further includes an image division unit for dividing the original image to blocks, a bit pattern extraction unit for extracting the bit patterns for the blocks, a PMP address generation unit for calculating addresses of the buffer for storing the corresponding PMPs with respect to the bit patterns, and an output unit for fetching and outputting the PMPs from the addresses onto an output plane.